



Sughrue

SUGHRUE MION, PLLC

John T. Callahan

T (202) 663-7387

jcallahan@sughrue.com

June 23, 2005

MAIL STOP PCT

Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

PCT/JP2003/016393

-filed December 19, 2003

www.sughrue.com

Re: Application of Takenori OSADA, Takayuki INOUE, and Noboru FUKUHARA
HIGH ELECTRON MOBILITY EPITAXIAL SUBSTRATE

Assignees: **SUMITOMO CHEMICAL COMPANY, LIMITED and
SUMIKA EPI SOLUTION COMPANY, LTD.**

Our Ref: Q88664

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application. Also enclosed is a copy of the first two pages of WO 2004/059742 A1.
- ☒ 6 sheets of drawings.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a copy of the ISR.
- ☒ a copy of Notification Concerning Submission or Transmittal of Priority Document (Form PCT/IB/304).
- ☒ a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☒ **It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).**

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

100540514
JC17 Rec'd PCT/PTO 23 JUN 2005

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213
T 202.293.7060
F 202.293.7860
401 Castro Street
Mountain View, CA 94041-2007
T 650.625.8100
F 650.625.8110

AIG Bldg. 14F
1-1-3 Marunouchi
Chiyoda-ku Tokyo 100-0005
Japan
T 03.5220.0200
F 03.5220.0222



Commissioner for Patents
June 23, 2005
Page 2

10/540514
JC17 Rec'd PCT/PTO 23 JUN 2005

The Government filing fee is calculated as follows:

Total claims	<u>8</u>	-	20	=	<u> </u>	x	\$50.00	=	<u> </u>	\$0.00
Independent claims	<u>1</u>	-	3	=	<u> </u>	x	\$200.00	=	<u> </u>	\$0.00
Base Fee										\$300.00
Search Fee*										\$400.00
Examination Fee*										\$200.00
Multiple Dependent Claim Fee										\$360.00
TOTAL FILING FEE										<u>\$1260.00</u>
Recordation of Assignment										<u>\$ 40.00</u>
<u>TOTAL FEE</u>										<u>\$1300.00</u>


* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$1260.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-374549	December 25, 2002

Respectfully submitted,


John T. Callahan
Registration No. 32,607

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER